

In the Specification

Page 1, change paragraph beginning with line 13 to read as follows:

It is known that beverages and other food products are filled more and more often into plastic bottles for sale, and the manufacturers want to produce rather one-way bottles rather than repurchasable ones. Thus, these bottles get are found in large amounts ~~to~~ in waste yards or ~~into~~ in nature, contaminating thereby the environment or increasing to a great extent the amount of waste.

Page 1, change paragraph beginning with line 23 to read as follows:

The solution is not easy due to the fact that plastic bottles, as opposed to metal containers or boxes, regain a significant part of their volume after stopping of the compression. Thus, compacting can only be performed by using compacting and thermal effect simultaneously, wherein the thermal effect does not allow the bottles to increase their volume after ceasing of the compression, as a consequence of their elasticity. If, namely, bottles are compressed in their melted state, they do not change their form after cooling down.

Page 2, before paragraph beginning with line 33, insert the following:

SUMMARY OF THE INVENTION

Page 3, change paragraph beginning with line 22 to read as follows:

Preferably, the diameter of at least one section of the plug is adjustable, being an elastic rubber or plastic sleeve and allowing the sealed closing of the mouth of the plastic bottle.

Page 4, before paragraph beginning with line 19 insert the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 4, change the paragraphs beginning with line 19 to read as follows:

Figure 1 is a section of a preferred embodiment of the invention[[:]].

Figure 2 is an enlarged section of the plug in the lid of the embodiment shown in Fig.1[[:]].

Figure 3 is a partly sectioned view of another embodiment according to the invention during compacting[[:]].

Figure 4 shows part of an embodiment provided with a mechanical after-compactor and.

Page 4, before paragraph beginning with line 33 add the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 5, change paragraphs beginning with line 8 to read as follows:

In use, the bottle 15 to be compacted is placed into the bottle holder 4, and pressed down together with it until impacting on the base 1. With screwing of the lid 5 into the heating element[[:]] 6, the bottle is fixed, and then the plug 7 is sealed in the mouth-piece of the bottle. After starting the heating, spring means 3 presses the bottle upwards, and as the plastic melts in thin layers, it is compressed continuously to a bellow-like object until the compacting process ends by pressing the neck- and mouth-piece into the middle of the agglomerate.

Figure 2 shows the the plug 7 in lid 5. A threaded adjusting sleeve 9 and a ball valve 8 is are arranged in the air outlet channel 10 of plug_7 for adjusting the free cross section of channel 10. Setting the appropriate spring force in ball valve 8 may be carried out by means of sleeve 9 so that it is drawn upwards or downwards by a screwdriver thereby controlling the amount and/or flow rate of the air.